

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraph on page 28, lines 3-6 with the following amended paragraph:

--Figures 83A and 83B are images generated by fluorescence imager showing the products produced using the Cleavase® A/G and *Pfu* FEN-1 nucleases and probes having or lacking a 5' positive charge; the gel shown in Fig. 83A was run in the standard direction and the gel shown in Fig. 84B83B was run in the reverse direction.—

Please replace the paragraph on page 30, lines 1-2 with the following amended paragraph:

--Figures ~~106A-E and G-I~~ 106A-J show the results of various assays used to determine the activity of Mth FEN-1 under various conditions.